

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently amended) A device for measuring torsional distortion of a body comprising:

first and second clip portions, each clip portion having a central part and two legs depending from the central part, each leg having adjacent a free end thereof at least one of a groove or a projection for engaging at least one of a respective projection or groove provided on or in the body to mount the clip portion on the body rotationally fast therewith;

a bridge interconnecting the first and second clip portions, the bridge being less stiff than the clip portions whereby relative rotational displacement of the clip portions caused by torsional distortion of the body will cause proportional deflection of the bridge; and

a measuring means for measuring the deflection of the bridge.

2. (Previously presented) The measuring device according to claim 1, wherein the measuring means includes means for sensing tensile and compressive direct strain components of a maximum shear strain, which acts at the center of the bridge at $\pm 45^\circ$ to a longitudinal axis.

3. (Previously presented) The measuring device according to claim 1 wherein the means for measuring deflection of the bridge is mounted on the bridge.

4. (Previously presented) The measuring device according to claim 2 wherein the means for measuring deflection is a SAW device.

5. (Previously presented) The measuring device according to claim 1, wherein the clip portions and the bridge are an integral structure.

6. (Previously presented) The measuring device according to claim 1, wherein the

projections are ridges which are generally V-shaped in transverse cross-section and have substantially flat sides connected to each other by a curved ridge.

7. (Previously presented) The measuring device according to claim 6, wherein the grooves are generally V-shaped in transverse cross-section and have generally flat sides.

8. (Previously presented) The measuring device according to claim 7, wherein an included angle of the ridges is less than an included angle of the grooves, and the grooves and ridges are shaped so that each ridge engages each groove along two lines of contacts spaced from a base of the groove.

9. (Previously presented) The measuring device according to claim 8, wherein the included angle of the ridges is substantially 60° and the included angle of the grooves is substantially 90° .

10. (Previously presented) The measuring device according to claim 1, in which the clip portions are resiliently deformable to allow the clip portions to be snapped into engagement with the grooves.

11. (Previously presented) The measuring device according to claim 1, wherein the projections are on the legs and faced inwardly so that the clip portions may be mounted on grooves provided on the external surface of a shaft.

12. (Previously presented) The measuring device according to claim 1, wherein the projections are on the legs and face outwardly so that the clip portions may engage grooves provided in the interior wall of a hollow body.

13. (Previously presented) The measuring device according to claim 1, wherein the clip portions and the bridge comprise an integral metal structure.